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CLAIMS

1. A communication apparatus having
a first housing member,
5 a second housing member pivotally coupled to said
first housing member,
a controller operable in a plurality of operation
states, and
a detector associated with said first and second
10 housing members, and connected to said controller,
said detector being adapted to detect an angle
position related to said first and second housing members
and supply an angle position detection signal to said
controller, and
15 said controller being adapted to enter a first
operating state when said angle position detection signal
represents an angle position within a first interval, a
second operating state when said angle position detection
signal represents an angle position within a second
20 interval, and a third operating state when said angle
position detection signal represents an angle position
within a third interval, wherein said controller is
further adapted to control reception of an incoming call
by rejecting said incoming call upon a transition from
25 said second state to said first state, or accepting said
incoming call upon a transition from said second state to
said third state.

2. The communication apparatus of claim 1, wherein
the detector comprises a means provided with one or more
30 cams and one or more electromechanical switches, said
cams being adapted to actuate said one or more
electromechanical switches to generate said angle
position detection signal directly representing said
angle position interval.

- 35 3. The communication apparatus of claim 1 or 2,
wherein said controller is adapted to accept said
incoming call upon said transition from said second state

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to said third state after a transition from said first state to said second state, wherein said controller is adapted to provide caller information when in said second state.

5 4. The communication apparatus according to any of the preceding claims, wherein said first state is a state in which said first and second housing members are essentially folded up.

10 5. The communication apparatus according to any of the preceding claims, wherein said detector comprises a hall sensor.

6. The communication apparatus according to any of claims 1 to 5, wherein said detector comprises an electromechanical switch.

15 7. A method for operating a communication apparatus having a first housing member and a second housing member pivotally coupled to said first housing member, said method comprising

20 detecting an angle position related to said first and second housing members;

entering a first, second and third state of said communication apparatus related to a first, second, and third interval of said angle position respectively;

25 receiving a phone call, comprising the sub-steps of unfolding said communication apparatus from said first state to said second state;

displaying caller information; and

30 rejecting said phone call by folding said communication apparatus to said first state; or accepting said phone call by further unfolding said communication apparatus to said third state.

8. The method of claim 7, wherein said detection comprises

35 actuating a electromechanical switch by a cam; and generating an angle position signal by said electromechanical switch.

9. The method according to claim 7 or 8, comprising accepting an incoming call upon said transition from said second state to said third state after a transition from said first state to said second state.

5 10. The method according to any of claims 7-9, comprising activating a display upon transition from said first state to said second state.

10 11. The method according to any of claims 7-10, comprising scanning of a touch screen when said communication apparatus is in said third state.

12. The method according to any of claims 7-11, comprising activating presentation of information of a new message on a display upon transition from said first state to said second state.

15 13. The method of claim 12, comprising activating presentation of the message upon transition from said second state to said third state.

20 14. The method according to any of claims 7-12, comprising activating presentation of information of an incoming call on a display upon transition from said first state to said second state.

15. The method according to any of claims 7-14, comprising deactivating a display upon transition from said second state to said first state.

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